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Crop Seeds of Leafy Vegetables

Report Categories:

FAIRS Subject Report

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Report Highlights:

On November 19, 2009 China notified "Crop Seeds of Leafy Vegetables" to the WTO as G/TBT/N/CHN/703. Comments are due on January 18, 2010. This report contains an UNOFFICIAL translation of this draft measure.

General Information:

Summary

On November 19, 2009 China notified "Crop Seeds of Leafy Vegetables" to the WTO as G/TBT/N/CHN/703. Comments are due on January 18, 2010. The proposed date of adoption is 90 days after circulation by the WTO secretariat and date of entry into force is 6 months after adoption.

China's WTO notification describes "This standard specifies the quality requirements, test methods and inspection rules for celery, spinach and lettuce seed. It applies to the production and sale of above mentioned leafy vegetables' seeds in China, which covering coating seeds and non-coating seeds."

This report contains an UNOFFICIAL translation of this draft standard.

BEGIN TRANSLATION

National Standard of the People's Republic of China

GB 16715.5 – 200x replaces GB16715.5-1999

Seeds of Gourd and Vegetable Crops

Part 5: Leafy Vegetables

(Draft for Approval)

Foreword

All technical aspects of this Part in GB 16715 are mandatory.

GB 16715 *Seed of Gourd and Vegetable Crops* is divided into the following parts :

- Part 1: Gourd;
- Part 2: Chinese cabbage;
- Part 3: Solanaceous fruits;
- Part 4: Cole;
- Part 5: Leafy vegetables;

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This Part is the fifth part of GB 16715 and revision of GB 16715.5 - 1999 *Seed of Gourd and Vegetable Crops - Leafy Vegetables* according to the relevant provisions of *Seed Law of the People's Republic of China* and the new development situations of the seed industry. It replaces GB 16715.5 - 1999.

This Part includes the following major changes compared with GB 16715.5 - 1999:

- The application scope has been defined;
- Definitions and terms have been revised;
- Germination rate requirements of basic seeds and qualified seeds of celery have been modified;

- Purity requirements of qualified seeds of celery have been modified;
- Purity requirements of qualified seeds of spinach have been modified;
- Cleanness requirements of basic seeds and qualified seeds of lettuce have been modified;
- Referenced provisions on packaging, transport and storage have been canceled; and
- Testing rules have been revised.

This Part is proposed by the Ministry of Agriculture of the People's Republic of China.

This Part is under the jurisdiction of National Agricultural Seed Standardization Technical Committee.

Organizations participating in drafting this Part include National *Agricultural Technology Extension Service Center*, *Quality Supervision, Inspection and Testing Center for Seeds of Crops under the Ministry of Agriculture* (Taiyuan), *Quality Supervision, Inspection and Testing Center for Seeds of Crops under the Ministry of Agriculture* (Xi'an), *Sichuan Seed Administration Station* and *Jiangsu Seed Administration Station*.

The main editors of this Part include Lin Zhan, Wang Yuanrong, Zhao Jianzong, Yu Youhai, Wu Yuqian and Fang Mingkui.

This Part replaces the following previous editions:

- GB 8079 - 1987; and
- GB 16715.5 - 1999.

Seed of Gourd and Vegetable Crops - Part 5: Leafy Vegetables

1 Scope

This Part of GB 16715 specifies quality requirements, testing methods and testing rules for seeds of celery (*Apium Graveolens* L.), spinach (*Spinacia oleracea* L.) and lettuce (*Uactuca sativa* L.).

This Part applies to seeds of leafy vegetables including capsuled seeds and non-capsuled seeds produced and sold in the People's Republic of China.

2 Normative documents

The following documents contain provisions which, through reference in this Part of GB 16715, constitute provisions of this part. For dated reference, subsequent amendments (excluding corrections) to, or revisions of, any of these publications do not apply to this Part. However, parties to agreements based on this Part are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below. For undated references, the latest edition of the normative documents referred to applies.

GB/T 3543 (All parts) *Rules for agricultural seed testing*

GB 20464 *General directive for labeling of agricultural seeds*

3 Terms and definitions

The following terms and definitions apply to this Part of GB 16715.

3.1 Basic seed

Seeds of the first generation to the third generation that are propagated from the breeder's seeds and confirmed to meet the specified quality requirements.

3.2 Qualified seeds

Seeds of the first generation to the third generation or hybrid seeds that are propagated from the basic seeds and confirmed to meet the specified quality requirements.

4 Quality requirements

4.1 General

Seed quality requirements consist of quality indexes and quality stated values. The quality indexes include purity, cleanness, germination rate and moisture; and the quality stated values shall be true and meet the quality requirements of this Part (refer to 4.2).

4.2 Quality standards

4.2.1 Celery

Quality of celery seeds shall meet the minimum requirements in Table 1.

Table 1 %

Crop name	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Celery	Basic seeds	≥99.0	≥95.0	≥70	≤8.0
	Qualified seeds	≥93.0			

4.2.2 Spinach

Quality of spinach seeds shall meet the minimum requirements in Table 2.

Table 2 %

Crop name	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Spinach	Basic seeds	≥99.0	≥97.0	≥70	≤10.0
	Qualified seeds	≥95.0			

4.2.3 Lettuce

Quality of lettuce seeds shall meet the minimum requirements in Table 3.

Table 3 %

Crop name	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Lettuce	Basic seeds	≥99.0	≥98.0	≥80	≤7.0
	Qualified seeds	≥95.0			

5 Testing methods

Cleanness analysis, germination test, moisture determination, genuineness and purity testing shall follow the provisions of

GB/T 3543.

6 Testing rules

6.1 Sampling

Sampling methods and seed lot shall be determined according to the provisions of GB/T 3543.

6.2 Quality judgment rules

Quality judgment rules shall follow the provisions of GB 20464.

END TRANSLATION